

Bruhat Bangalore Mahanagara Palike
Executive Engineer Bytarayanapura Division

Name of Work: PACKAGE NO-02 (Consists Of 5 works)

Draft Tender Schedule

Item No.	Description	Unit	Quantity	Rate, Rs	
				In Figures	In Words
1	Removing and resetting of footpath slab	Sqm	12615.57 ✓	235.00 ✓	Rupees Two Hundred and Tirty Five Rupees only
2	Removing and resetting of kerb stones	Mtr	5129.00 ✓	118.00 ✓	Rupees one hundred and eighteen rupees only
3	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead	Cum	7.88 ✓	969.10 ✓	Rupees Nine Hundred and Sixty Nine and Paise Ten only
4	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately	Cum	26.25 ✓	464.20 ✓	Rupees Four Hundred and Sixty four and Paise Twenty Only
5	Dismantling of Flexible pavements and disposal of dismantled materials and stacking serviceable and unserviceable materials separately	Cum	140.08 ✓	221.10 ✓	Rupees Two Hundred and Twenty one and Paise ten only
6	Dismantling of Flexible pavements and disposal of dismantled materials and stacking serviceable and unserviceable materials separately	Cum	322.18 ✓	40.70 ✓	Rupees Fourty and Paise Seventy only
7	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material by Mechanical Means using Hydraulic excavator with in all lifts and lead.	Sqm	5305.00 ✓	4.40 ✓	Rupees Fou an Paise Fourty Only
8	Earth work excavation by manual means for drains, canals and similar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenances required to complete the work.	Cum	3326.98 ✓	334.40 ✓	Rupees Three Hundred and Thirty Four and Paise Fourty Only
9	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.	Cum	4378.59 ✓	71.50 ✓	Rupees Seventy And Paise Fifty Only
10	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately.	Cum	99.04 ✓	5900.40 ✓	Rupees Five Thousand nine Hundred and Paise Fourty only
11	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately)	Cum	193.66 ✓	7196.81 ✓	Rupees Seven Thousand One Hundred and Ninty Six and Paise Eighty one Only
12	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.	Sqm	13.34 ✓	113661.90 ✓	Rupees One Lakh Thirteen Thousand Six Hundred and Sixty one and Paise Ninty Only

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13	Providing precast slab of 100 mm thick including cost of all materials, labour, curing, transportation, loading, unloading, etc., complete as per the direction of engineer in charge Data Rate	Sqm	3242.28 ✓	2072.00 ✓	Rupees Two Thousand Seventy Rupees Only
14	Providing precast slab of 230 mm thick including cost of all materials, labour, curing, transportation, loading, unloading, etc., complete as per the direction of engineer in charge Data Rate	Sqm	135.00 ✓	5037.00 ✓	Rupees Five Thousand Thirty Seven Only
15	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc., complete as directed by the Engineer in Charge of the work (Approved Rate)	Nos	2920.00 ✓	507.00 ✓	Rupees Five Hundred Seven Only
16	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401.	Cum	102.23 ✓	2581.70 ✓	Rupees Two Thousand Five Hundred and Eighty one and Paise Seventy Only
17	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.	Cum	5410.98 ✓	2633.40 ✓	Rupees Two Thousand Six Hundred and Thirty Three and Paise Fourty
18	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means.	Sqm	14994.80 ✓	48.40 ✓	Rupees Fourty Eight and Paise Fourty
19	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom	Sqm	64581.80 ✓	13.20 ✓	Rupees Thirteen And Paise Twenty Only
20	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	1138.97 ✓	10877.90 ✓	Rupees Ten Thousand Eight Hundred Seventy Seven And Paise Ninety Only
21	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	2580.23 ✓	12684.10 ✓	Rupees Twelve Thousand Six Hundred Eighty Four And Paise Ten Only
22	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015. The finished surface to be level, uniform and free from streaks and holes.	Sqm	1888.00 ✓	525.80 ✓	Rupees Five Hundred Twenty Five And Paise Eighty Only
23	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:5:10 Using 40 mm nominal size graded crushed coarse aggregates	Cum	569.55 ✓	5473.60 ✓	Rupees Five Thousand Four Hundred Seventy Three And Paise Sixty Only

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24	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work.	Cum	569.55	7520.70	Rupees Seven Thousand Five Hundred Twenty And Paise Seventy Only
25	Cost of Haulage Excluding Loading and Unloading Taking output 25 t load and lead	T.km	9601.43	44.00	Rupees Fourty Four Rupees Only

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